



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

August 12, 2004

Ayesha J. Shaikh

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Douglas A. Larson and  
Jeffrey J. Cronin

Attorney Docket No.: 501296.01 (30266/US)

Serial No. : 10/773,583

Group Art Unit : 2186

Filed : February 5, 2004

Examiner : Not Yet Assigned

Title : APPARATUS AND METHOD FOR DATA BYPASS FOR A BI-DIRECTIONAL DATA  
BUS IN A HUB-BASED MEMORY SUB-SYSTEM

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. A copy of the cited non-patent literature reference, as required under 37 C.F.R. § 1.98(a)(2), is enclosed. Copies of the cited U.S. patents will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/822,275, describing and claiming subject matter that is similar to the

subject matter of this application, was filed on April 8, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/848,606, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 17, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/861,163, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 4, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/812,950, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 29, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/773,520, describing and claiming subject matter that is similar to the subject matter of this application, was filed on February 5, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/769,079, describing and claiming subject matter that is similar to the subject matter of this application, was filed on January 30, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/797,727, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 8, 2004. This related application, as well

as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/809,839, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 24, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/819,366, describing and claiming subject matter that is similar to the subject matter of this application, was filed on April 5, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

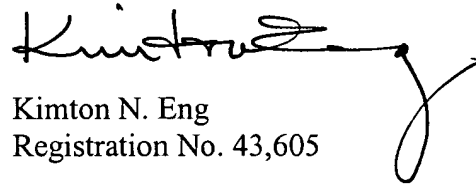
Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/810,229, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 25, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

I hereby certify that no item set forth on the attached form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP

A handwritten signature in black ink, appearing to read "Kimton N. Eng", with a long horizontal stroke extending to the right and a large loop at the end.

Kimton N. Eng  
Registration No. 43,605

KNE:ajs

Enclosures:

- Postcard
- Form PTO-1449
- Cited Reference (1)
- Copies of Related Applications (10)

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FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
501296.01 (30266/US)APPLICATION NO.  
10/773,583

## INFORMATION DISCLOSURE STATEMENT

(Indicate by checkmark if necessary)

APPLICANT(S)

Douglas A. Larson and Jeffrey J. Cronin

FILING DATE

February 5, 2004

GROUP ART UNIT

2186

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,045,781	08/30/77	Levy et al.	364	200	
	AB	5,479,370	12/26/95	Furuyama et al.	365	189.12	
	AC	5,729,709	03/17/98	Harness	395	405	
	AD	5,875,454	02/23/99	Craft et al.	711	113	
	AE	6,186,400 B1	02/13/01	Dvorkis et al.	235	462.45	
	AF	6,243,831 B1	06/05/01	Mustafa et al.	714	24	
	AG	6,256,692 B1	07/03/01	Yoda et al.	710	104	
	AH	6,438,668 B1	08/20/02	Esfahani et al.	711	165	
	AI	6,681,292 B2	01/20/04	Creta et al.	711	119	
	AJ						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	"Free On-Line Dictionary of Computing" entry 'Flash Erasable Programmable Read-Only Memory, online May 17, 2004 [ <a href="http://foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?flash+memory">http://foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?flash+memory</a> ]
	AQ	

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).